

Strengthening Data Economy in MED Region Through Open Data

Interreg
*M*editerranean



Project co-financed by European
Regional Development Fund



odeon

THE PROJECT

The ODEON project aims at supporting the growth of Clusters and SMEs linked to S3 of the areas involved (focusing on green/blue growth and CCIs) through the exploitation of Open and Big Data.

Starting from e-government policies, the availability and quality of open data to be processed will be assured according to the fine tuning of tools from projects and initiatives to be capitalized and involved in the project.

The ODEON project will then focus on supporting Public institutions to increase the quantity and quality of open data set-up intermediary services (Digital Hubs) able to offer tailored support for the exploitation of open data by SMEs and Profit Sector in general with innovative services and products.

BACKGROUND

The conditions under which the data are made available for commercial or non-commercial re-use have an effect on competitiveness. Many of the products and services based on public sector information have a cross-border nature. We need to make sure that mobile service will “cross” the borders, and Europe-wide business information services will overcome existing gaps between countries.

SMEs need to grow beyond their national borders, thus the deployment of services across the whole EU will be facilitated. This will create a level playing field and stimulate a thriving market of innovative products and services based on public data.

In addition, ODEON partners should formulate and implement open data policies, taking up good-practice examples from across the region and support will be given to open data pilots and open data competitions, in particular those targeting the development of cross border products and services.



OBJECTIVES

- **increase the availability** of free and good quality Open Data (OD)
- **strengthen the use and re-use of OD** by Quadruple Helix actors
- **support Public and Private actors** interested in using and re-using OD with innovative services

GOALS

- **Launching of 7 National / Regional Open Data Hubs**
- **Business development of OD/LOD for marketing objectives** through implementation of hackathons, pitching, study tours, regional & local thematic seminars & workshops
- **Strengthening market opportunities** connected with the exploitation of OD/LOD
- **Transferring activities to strengthen the impact** of the ODEON project
- **Establishment of MED Data Cluster** which will strengthen the attitude of SMEs and Start-ups operating with OD/LOD and the Data Economy to work at transnational level

KEY NUMBERS

**MILLIONS OF
EUR IN TOTAL**

OBSERVES

HUBS

1 2 3 4 5 6 7 8 9 10

COUNTRIES

AREAS

PARTNERS



CROATIA

Croatian Agency for SMEs, Innovations and Investments-HAMAG-BICRO

1 PARTNER
1 OBSERVER
1 AREA



FRANCE

Agency for Sustainable Mediterranean Cities and Territories (AViTeM)

1 PARTNER
1 AREA



GREECE

Greek Free Open Source Software Society (GFOSS)

REGION OF CRETE Department of Environment and Spatial Planning (KRITI)

2 PARTNERS
1 OBSERVER
2 AREAS



ITALY

Veneto region - ICT and Digital Agenda Department (VT)

Padova Chamber of Commerce Industry Crafts Agriculture

2 PARTNERS
2 OBSERVERS
1 AREA



MONTENEGRO

Chamber of Economy of Montenegro (PKCG)

1 PARTNER
1 AREA



SLOVENIA

Technology Park Ljubljana Ltd. (TPLJ)

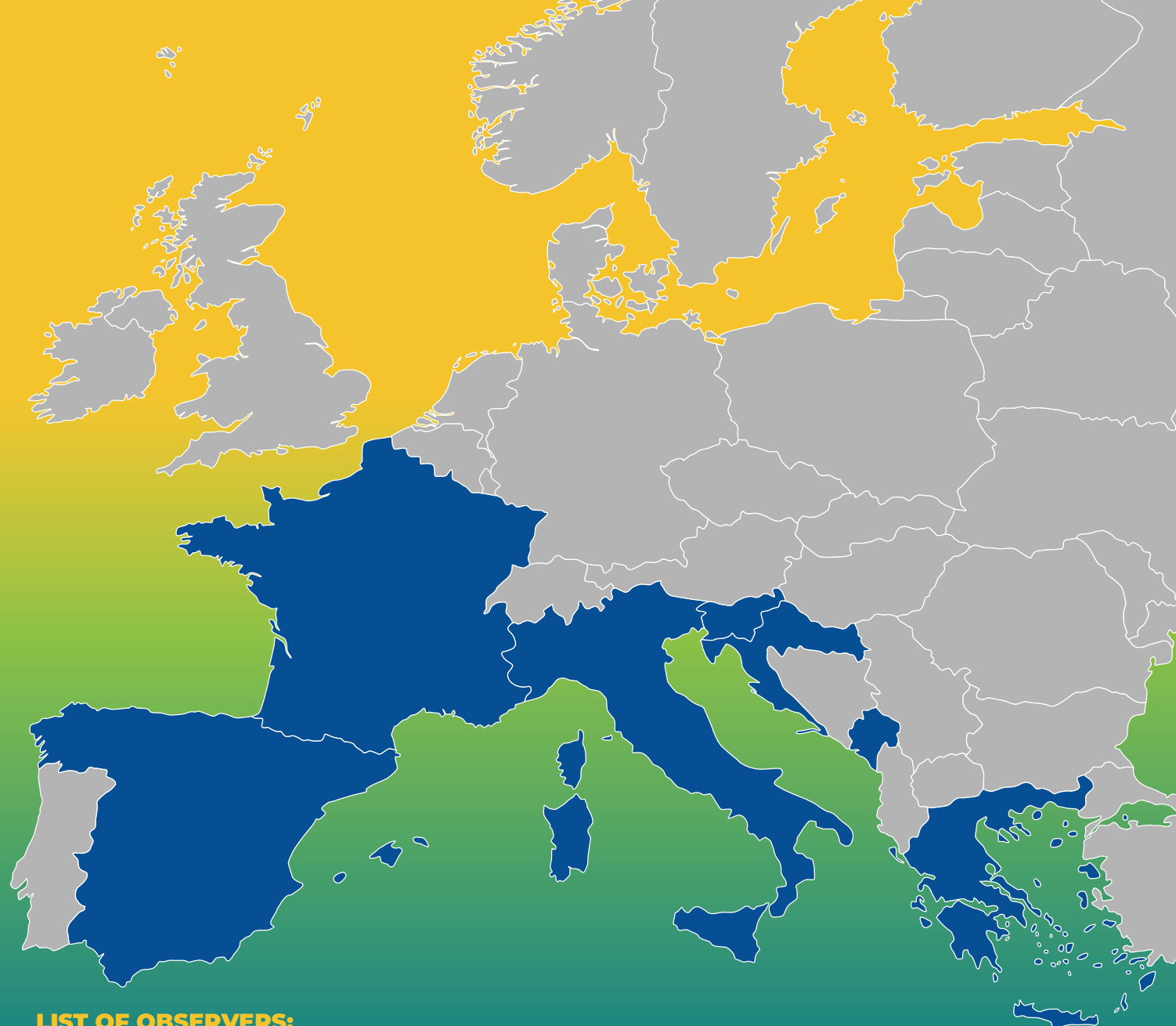
1 PARTNER
1 AREA



SPAIN

SARGA -Gouvernement of Aragon (SARGA) KNOWLEDGE INNOVATION MARKET FOUNDATION (KIMbcn)

2 PARTNERS
1 OBSERVER
2 AREAS



LIST OF OBSERVERS:

- Regione Autonoma della Sardegna- for Veneto region - ICT and Digital Agenda Department - ITALY
- Gobierno de Aragón. Departamento de Innovación, Investigación – for SARGA - Gouvernment of Aragon - SPAIN
- Università degli Studi di Padova – for Padova Chamber of Commerce Industry Crafts Agriculture - ITALY
- Πανεπιστήμιο Κρήτης – for REGION OF CRETE Department of Environment and Spatial Planning – GREECE
- Središnj državni ured razvoj digitalnog društva, Republika Hrvatska – for Croatian Agency for SMEs, Innovations and Investments – CROATIA

LAUNCHING OF OPEN DATA HUBS

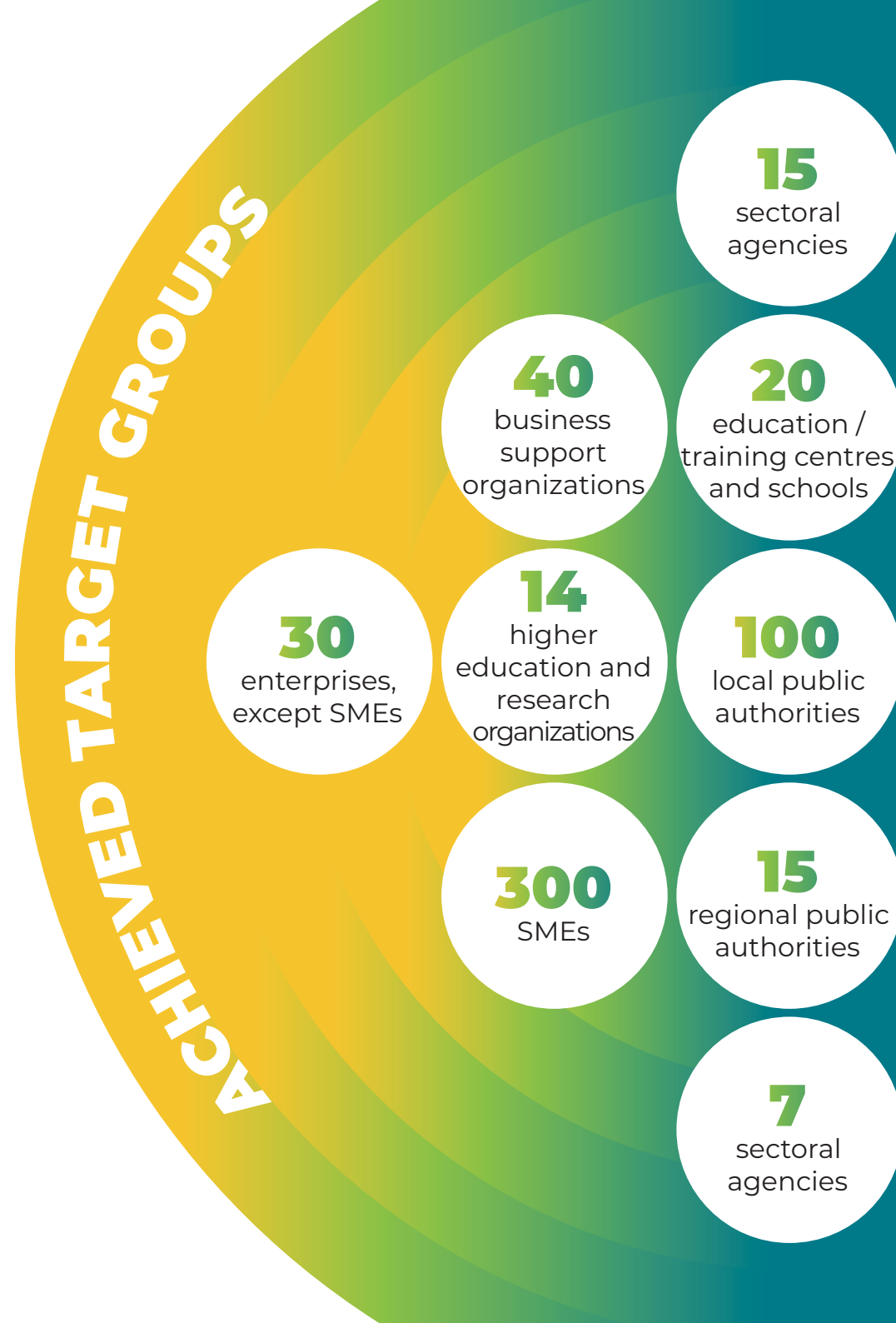
- OPEN Data Hub
- ODEON France Data Hub
- GREEK OPEN DATA Hub
- VENETO DATA HUB
- DATA HUB Montenegro
- OPSI HUB
- ODEON Spain Data Hub

MAIN RESULTS ACHIEVED THROUGH OPEN DATA HUBS STORIES / ACTIVITIES:

- **Public Actors supported** with their e-governance policies
- **SMEs assisted** to promote new product and new services with OD
- **Local Centres established** to support the Data Economy - Local Data HUBs

ODEON OUTPUTS RELATED TO DATA HUBs:

- **Set of instruments support entrepreneurial use/ re-use of OD/LOD** in order to assist target users to develop new products
- **ODEON Platform** hosts
 - a) open/big data freely available by the administration according to quality protocols that will consider market expectations in terms of content, quantity and quality
 - b) training contents for awareness and capacity building activities;
 - c) instruments and tools able to assist the target users
- **MED Data Cluster** promotes the internationalisation and the cooperation of SMEs, start-ups and businesses dealing with the Data Economy.



IDENTITY CARD



NAME:	OPEN Data HUB
DATE & LOCATION OF LAUNCHING:	19th June 2019, Zagreb
HEAD / E-MAIL	Tanja Ivanović +385 1 549 4738
SOCIAL & MEDIA LINK	https://hamagbicro.hr/treci-medunarodni-sastanak-odeon-projekta-2-2/



ACHIEVED

After launching of the HUB, were organized seminars, workshops, study tours, hackathon, pitching etc. in order to:

- emphasize the importance of OD
- connect various sectors that use OD
- connect the public sector and the economy, in order to create new entrepreneurial opportunities
- co-contribute to the State's transparency

RESULTS IN NUMBERS

- 5 Local Public Authorities
- 5 Regional Public Authorities
- 58 + 5 National Public Authorities
- 1 Interest group including NGOs
- 6 Higher education and research organizations
- 2 Enterprises, except SMEs
- 20 + 9 SMEs (micro, small, medium enterprises)
- 2 Business support organizations



FUTURE GOALS

- Promoting opening of data in the public sector
- Encouraging the development of mechanisms for financing the use of OD
- Advocating for the participation of all stakeholders in re-use of OD
- Advocating for active cooperation with international partners and hubs

STAKEHOLDERS & AUDIENCE FEEDBACK:

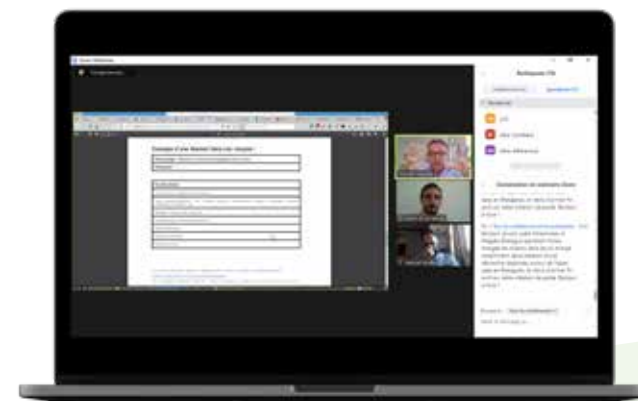
“Open Data Hub is needed in our community both for the public sector, academia, industry and for SME’s. They can all prosper from the use of open data.”

Mr. Božo Zeba, Head of the Sector for the Development of Digital Infrastructure and Services in the Public Sector, Central State Office for the Development of the Digital Society



IDENTITY CARD

NAME:	ODEON France Data Hub
DATE & LOCATION OF LAUNCHING:	26 th September 2019 in Marseille: Launching event of the ODEON Testing Phase, in collaboration with Dataactivist
HEAD E-MAIL:	Karim EL ARNAOUTY k.elarnaouty@avitem.org
SOCIAL & MEDIA LINK	www.avitem.org/fr/projet/odeon-open-data-european-open-innovation



ACHIEVED

- 16 awareness workshops, trainings and meetings
 - Acculturation to data, training in its uses and in collection, exploitation, visualization methodologies, meetings between producers & users
- 7 promising cases identified & supported
 - Green economy: climate risk management in agriculture and crafts, soft mobility cards, mobilization of air quality in the city
 - Creative economy: adaptation of libraries to user needs, digitization of heritage
- 4 regional workshops + transnational events - Fall 2020
 - Continuation of technical workshops & exchange of good practices at international level

RESULTS IN NUMBERS

- 37 Local Public Authorities
- 80 Regional Public Authorities
- 23 National Public Authorities
- 62 Higher Education & Researches
- 43 Infrastructure and service providers (public)
- 120 SMEs
- 22 BSOs
- 46 General Public
- 17 International Organizations

► **Total: 428 participants from 4-helix stakeholders.**





FUTURE GOALS

1 Data Hub bringing together regional OD players.

Objective: to consolidate the regional OD ecosystem by creating meeting and discussion spaces between producers and users

- Creation of digital crossroads through events for a variety of audiences: public actors, data specialists, innovation support organizations, students, general public...
- Involvement of regional / national actors in the initiative: Dataactivist, Région Sud, Donut Infolab, Etalab, Dinum, OpenDataFrance, ADN Tourisme...



STAKEHOLDERS & AUDIENCE FEEDBACK:

“Open data pushes public actors to editorialize their data via data publication portals, making them not only visible but also readable, thus allowing citizens and businesses to become aware of it but also to understand its potential for their activity.”

Charles Népote, Open Food Facts - FING

“As a public data-producing structure, we work on determining “what is the actual reuse of our data? How can we help project holders? How can data help them accelerate?”

Hervé Lévite, DREAL PACA

“The ODEON workshops allowed us to gradually increase our skills in data methodology, first on creativity in targeting the data we are looking for, then on the refinement work to be done on the selected data sets. What is interesting is that it allows us to explore new options that we would not necessarily have thought of a priori.”

François Rosenberg, project holder

IDENTITY CARD



Περιφέρεια Κρήτης
Region of Crete

NAME:	Greek Open Data Hub
DATE & LOCATION OF LAUNCHING:	19 th December 2019, Athens The launching event aimed at informing the Greek ecosystem about the project, the initiative of Open Data Hub and the next steps and services offered by the Greek Open Data Hub
HEAD / E-MAIL	Despina Mitropoulou des.mitropoulou@eellak.gr
SOCIAL & MEDIA LINK	https://gfooss.eu/odeon-project/



ACHIEVED

After the launching event the Greek Open Data Hub provided a range of services (seminars, study visits, hackathon, pitching event, coaching, etc.) to its members which achieved the following:

- Developing new business ideas
 - Strengthening skills in the field of Entrepreneurship and OD
 - Development of an Innovation and Action Plan of each business idea
 - Exchanging of knowledge
 - Extending the OD network
- Strengthening of Innovation through strategic partnerships

RESULTS IN NUMBERS

- 1 Greek Open Data Hub
- 9 teams participated in the activities
- A number of organizations participated to Greek Open Data Hub's events:
 - ▶ **3 Local Public Authorities**
 - ▶ **1 Regional Public Authority**
 - ▶ **5 Higher Education and Research Organizations**
 - ▶ **30 SMEs**
 - ▶ **8 Business Support Organizations**
- At least 100 participants to the activities
- 1 hackathon
- 2 study visits
- 8 seminars/workshops
- 12 coaching sessions
- 6 Innovation and Action Plans



FUTURE GOALS

The future goals of the Greek Open Data Hub are to engage more OD stakeholders, strengthen SMEs/start-ups/spin-offs in the development and promotion of new products/services, develop synergies in the OD and Data Economy sectors and achieve transnational collaboration as well as to provide access to information and knowledge into a single entity.



STAKEHOLDERS & AUDIENCE FEEDBACK:

"The coaching we received was very helpful to realize the market segments we want to target as well as to better structure the objectives of our idea",

Danae Papadopoulou, Ecology Hack

"The Open Data Hub is a very good idea in order to gather interesting open data actors and form initiatives for real policy changing"

Vasilis Petropoulos, Eco Green Recycle



IDENTITY CARD



Camera di Commercio
Padova



REGIONE DEL VENETO

NAME:	VENETO DATA HUB
DATE & LOCATION OF LAUNCHING:	31 st May 2019,
HEAD / E-MAIL	Andrea Galeota



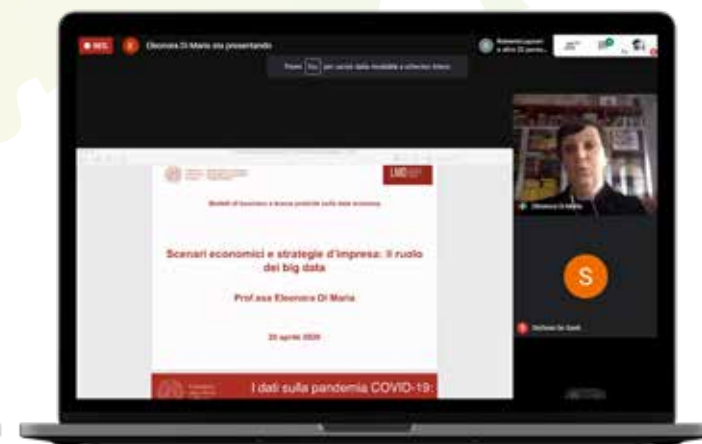
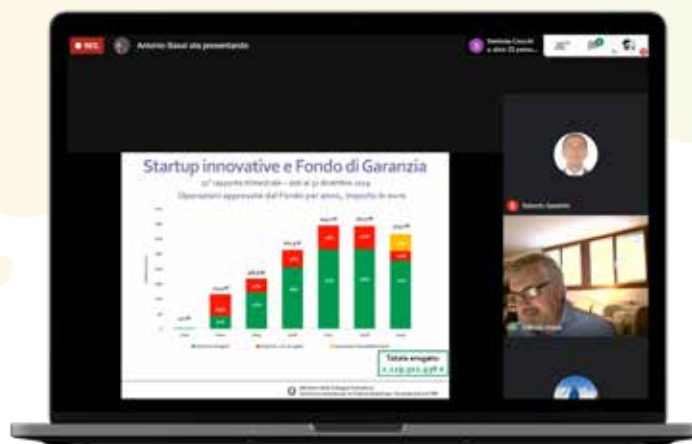
ACHIEVED

- Coordination and optimization of activities concerning Data Economy at regional level
- Identification of relevant players (public and private) interested to work on OD
- Development of project ideas/start-ups concerning the exploitation of OD for CCI and Green growth sectors
- Contributions to the implementation of regional policies and activities carried out with OP ERDF 2014-2020, particularly related to the E-Government policy, the Regional Data Platform, etc.



RESULTS IN NUMBERS

- 52 members of the DATA HUB
- 41 participants at Hackathons
- 49 participants at the Matching event
- 49 participants at the Pitching event
- 85 participants at thematic Workshops
- 62 participants at thematic seminars





FUTURE GOALS

- To strengthen the coordination at regional level between Public and Private stakeholders
- To identify future opportunities of funding to proceed with the DATA HUB's activities
- To create synergies and collaborations with other regional innovation stakeholders and initiatives (Competence Center; Regional Innovation agencies, etc.)
- To create further opportunities of actions connecting digitalization, OD and industrial sectors (tourism, manufacturing, etc)



STAKEHOLDERS & AUDIENCE FEEDBACK:

HUB's members raise their knowledge concerning EU opportunities to support the implementation of products and services by the exploitation of OD/LOD

HUB's members and others users (mainly SMEs) change their attitude concerning the opportunities coming by OD/LOD for entrepreneurial initiatives

HUB's members worked together and strengthen the cooperation for future collaborations



IDENTITY CARD



CHAMBER OF
ECONOMY OF
MONTENEGRO

NAME:	Data HUB Montenegro
DATE & LOCATION OF LAUNCHING:	3 rd July 2019, Podgorica Chamber of Economy of Montenegro
HEAD / E-MAIL	Nada Rakočević nrakocevic@pkcg.org



ACHIEVED

After launching of the DATA HUB Montenegro the focus of the HUB's activities was on organizing events, such as: a hackathon, pitching and matching events, seminars, workshops, webinars and an OD caravan in order to:

- raise awareness of importance of OD, the need for publishing more data sets and their use and reuse
- stimulate development of business solutions by usage of OD and creation of connections between public stakeholders and business ideas
- Identify opportunities for cooperation between start-ups, small and medium-sized enterprises
- Present best practices, identify the needs of the economy, identify barriers to the use of OD and promote participation in the Data HUB
- Promote OD portals and data sets at national level
- Create options for B2B networking between different stakeholders
- Build up intermediaries' capacities
- Promote access to finance for the introduction of innovative services/products
- Develop business ideas

RESULTS IN NUMBERS

- 1 Open Data Hub on national level
- 56 members of Data HUB Montenegro (currently)
- Target groups reached during events performance:
 - ▶ **103 SMEs**
 - ▶ **56 national public authorities**
 - ▶ **17 enterprises**
 - ▶ **13 members of the general public**
 - ▶ **8 local public authorities**
 - ▶ **8 interest groups, including NGOs**
 - ▶ **7 higher education and research organizations**
 - ▶ **5 business support organizations**
 - ▶ **3 International organizations**
 - ▶ **2 Sectoral agencies**
 - ▶ **1 Education / Training center and school**
- More than 380 participants
- 59 posts & reports in social media networks, institutional website, magazine and the media
 - ▶ **Two project videos and two videos on hackathon**
 - ▶ **Two Press releases**
 - ▶ **One flyer on OD**
 - ▶ **1 x hackathon**
 - ▶ **1 x study tour online**



FUTURE GOALS

- Preparation of special national reports through analysis of market opportunities;
- Encouraging the exchange of information, joint projects and networking among members of the national DataHub, as well as partner DataHubs;
- Contribution to the Mediterranean cluster;
- Increasing the number of DataHub members through promotion and communication;
- Improving the capacity for distribution and use of OD by organizing educational and informative events for policy makers and actors involved in innovation;
- Publishing materials on this topic through social media and other communication channels

STAKEHOLDERS & AUDIENCE FEEDBACK:

"I would like to see more examples of OD use in our country and in order to achieve this I think the number of OD sets available at the official site should increase. I have a lot of ideas but we need to have more OD published."

"With a very simple adaptation my company can offer its data in the machine readable format and thus make it available for further use and processing."

"More projects like ODEON are needed."

IDENTITY CARD



TECHNOLOGY PARK
LJUBLJANA
01

NAME:	OPSI HUB (Slovenian Open Data Hub)
DATE & LOCATION OF LAUNCHING:	6th March 2020, Ljubljana OPSI HUB was launched within partnership among Technology Park Ljubljana Ltd. (Odeon project - Open Data for European Innovation), the Chamber of Commerce and Industry of Slovenia (ICT-Horizontal Network) and the Ministry of Public Administration.
HEAD / E-MAIL	Aleš Veršič, Head of OPSI Hub aversic@gov.si
SOCIAL & MEDIA LINK	https://www.linkedin.com/company/open-data-hub-slovenia/ https://www.gov.si/zbirke/projekti-in-programi/portal-opsi/



ACHIEVED

After launching of OPSI HUB the focus of HUB's activities was in performing several events, such as a conference, seminars, workshops, study tours etc. in order to:

- strengthen awareness of importance of OD
- bring OD field / industry / sector closer to interested public
- connect public sector and the economy, in order to create new entrepreneurial opportunities
- co-contribute to the State's transparency
- gather 4-helix stakeholders in order to collaborate to strengthen the OD field
- contribute to the development and visibility of an individual sector / fields of interest related to OD / LOD.

RESULTS IN NUMBERS

- 1 Open Data Hub on national level
- 13 members of OPSI HUB (currently)
- 132 organizations participated in events so far
- Target groups reached during events performance:
 - ▶ **23 business support organizations**
 - ▶ **6 enterprises**
 - ▶ **18 higher education and research organizations**
 - ▶ **22 local public authorities**
 - ▶ **17 national public authorities**
 - ▶ **70 SMEs**
- More than 250 participants
- 27 posts & reports in social media network
- 1 hackathon
- 2 study tours (international, local)



FUTURE GOALS

The main future activities of OPSI HUB:

- Promoting the use and dissemination of OPSI portal
- Promoting of opening of data in the public sector
- Encouraging the development of mechanisms for financing the use of OD
- Advocating for the establishment and operation of a working group for the OD within Slovenian Digital Coalitions
- Advocating for the participation of all stakeholders in re-use of OD
- Advocating for active cooperation with international partners and hubs
- Promoting the visualization of OD/LOD collections - integration of dashboards, analytics & augmented reality into OPSI portal and various local - regional platforms of OD.



STAKEHOLDERS & AUDIENCE FEEDBACK:

"The key is to make the data machine-readable. The role of the OPSI HUB will be for the various stakeholders to agree among themselves on how to open the data, make it machine-readable and usable and as such become accelerators of the digital economy."

Andreja Lampe, Head of ICT Horizontal network

"If we do not share data, the solutions will always remain partial and there will be no integrated solutions."

Luka Frelj, programmer

"Arguing an opinion on the basis of (open) data increases the chances of adopting that opinion and thus indirectly its effect on the quality of life."

Simon Delakorda, Head of Networking and advocacy (INEPA)

IDENTITY CARD



Knowledge
innovator
market**bcn**

NAME:	ODEON Spain Data Hub
DATE & LOCATION OF LAUNCHING:	07/03/2019 in Zaragoza, 11/-5/2019, Barcelona Launching event of the ODEON Testing Phase, in collaboration with Dataactivist both in Zaragoza and Barcelona
HEAD / E-MAIL	Javier Sancho jsancho@sarga.es Loha Hashimy loha@kinglobal.com



ACHIEVED

16 awareness workshops, training, meetings

- Acculturation to data, training in its uses and in collection, exploitation, visualization methodologies, meetings between producers & users
- 7 promising cases identified & supported
- Green economy, agri food sector, agriculture, livestock
- CCI: An incubation program for SMEs to encourage them to open up the data that they have or reuse the data that are provided by public administration. We are thinking of applying to an Innovation Action H2020 call.
- CCI: solve the challenge of finding a nearby education center for the families living in Barcelona.
- 3 regional workshops and transnational events - Fall 2020
- 2 study visits

RESULTS IN NUMBERS

Typology of Beneficiaries until mid-2020:

- ▶ **Local Public Authority**
- ▶ **Regional Public Authority**
- ▶ **National Public Authority**
- ▶ **Higher Education & Research**
- ▶ **Infrastructure and service providers (public)**
- ▶ **SMEs**
- ▶ **BSOs**
- ▶ **General Public**
- ▶ **International Organization**

Total: More than 500 participants from 4-helix stakeholders.



FUTURE GOALS

1 Data Hub bringing together regional OD players from Aragon and Catalonia

The Spanish Hub aims to train its stakeholders in the use of OD as a business reinforcement method. In summary, this hub looks for new applications to emerge through the use of project datasets to improve the green and CCI sectors.

The HUB in Spain has two very defined functions:

- ▶ **The acquisition of training and OD needs by stakeholders.**
- ▶ **The implementation of ideas and applications of OD in different sectors.**

STAKEHOLDERS & AUDIENCE FEEDBACK:



MAIN GOAL

MED DATA Cluster

The Mission of the MED DATA Cluster is to be an appropriate vehicle that will foster cooperation and linkages between its members from academia, business, government and other stakeholders from different sectors and activities whose functional area of final demand is the Mediterranean Europe.

MAIN ADVANTAGES

Help companies

on their way to internationalization establishing an enabling mechanism for cooperation with various key actors in the field.

Increase the visibility and raise awareness of data economy and prioritize the sector in policies and initiatives contributing to the sustainable and economic development of the European basin.

Support the actors in the OD value chain

through an integrated innovation support system to build their innovation potential and scale up their growth potential by linking-up to knowledge, technologies, market and expertise; facilitating uptake of new technologies and use of new business models, as well as strengthen their network.

DATA MED CLUSTER STAGES

Virtual Operation	Physical Cluster
<ul style="list-style-type: none"> • Marketing & PR • Applied R&D • Collaboration/networking • Joint Projects • Policy Action & Lobbying 	<ul style="list-style-type: none"> • Marketing & PR • Training & Qualification • Applied R&D • Quality Management and Certification • Marketing & PR • Collaboration/networking • Joint Projects • Policy Action & Lobbying • Financing, Access to Capital • Quality Management and Certification

SERVICES

Virtual Operation (STAGE I)	Physical Cluster (STAGE II)
<ul style="list-style-type: none"> • Marketing & PR • Collaboration/networking • Applied R&D • Joint Projects • Policy Action & Lobbying 	<ul style="list-style-type: none"> • Marketing & PR • Training & Qualification • Applied R&D • Quality Management and Certification • Joint Projects • Financing, Access to Capital • Marketing & PR • Collaboration/networking • Policy Action & Lobbying

EXPECTED RESULTS

- Data MED Cluster for SMEs: SMEs normally employ a large proportion of the total work force in the region and provide an important risk diversion to the labour market. A vivid and innovative SME-culture strengthens the entrepreneurial spirit of the population which is important when the regional economy is weak and the unemployment is increasing, as well as when it is good and spin-offs and economic growth in small businesses should be stimulated.
- Renewal within the industry
- Improve the business environment of the supported SMEs by establishing open collaboration spaces that can involve innovation actors from different sectors and countries

- Facilitate the Engagement of active members
- Strengthen industrial leadership in South Europe Member States by reinforcing value chains that integrate innovative solutions in SMEs.
- Further leverage and complement support for innovation in SMEs and other funding
- Contribute to regional smart specialisation strategies by capitalising upon concentrated and complementary competences for the development of new activities and emerging industries with a clear EU added value.
- Disseminate the anticipated results and “sell” the right message to research, industry and society.

Service / activity: **HACKATHON**

GUIDELINES

Before hackathon

- Start at least 6 months before the hackathon!
- Find strategic partners, sponsors and stakeholders – don't forget about tech partners/providers
- Identify your target audience
- Define 3 challenges and set the time frame (2-3 days for in person / 1-2 days for online hackathon)
- Find a proper place (or right on line platform Teams, Hopin,.... if the hackathon will be online)
- Build your Hackathon Website and Registration Form
- Pick judges, speakers and mentors
- Decide prizes
- Set up an effective outreach campaign
- Select the best ideas and announce the teams

On the day

- On the first day of hackathon explain the milestones, and project submission
- Provide technical and mentoring support for teams during all days of the hackathon
- Set a time to present ideas/project to the judges
- Organize something special for the winners' announcement
- Send PR message to media and publish it on social network
- Don't forget to include a thank you note for all participants, stakeholders and partners

FEEDBACKS



OPSI HUB

Service / activity: **HACKATHON**

Description:

Event: Hackathon - My safety and mobility« with the title »Create new digital solutions in the field of security and mobility«, 5-6.10.2019, Ljubljana, Slovenia

- The number of participants which attended the hackathon and showed that Slovenia has many stakeholders which want to be proactive and cooperative also in public sector, not only in private sector was a very positive surprise
- One of the good results was also the creativity which arose during the weekend with participants getting new ideas on how to use OD in Slovenia, for non-profit or profit projects across the board there were lots of synergic effects both for broader public as well as for police and other public organizations.
- Another very nice result was that young participants showed great interest for social support and synergic benefits for broader society.

Results in numbers:

- More than 70 participants
- 11 competition teams each with a developed idea
- 6 developed products / services

Feedback:

"We came to the hackathon without a defined idea, we wanted to test whether we could come up with a common - team idea as a solution that would help others."

Winner team Veverice, Hackathon 2019, »My Safety and mobility«

"The biggest challenge of using open data should be to make them accessible to everyone and also to present them in a simple and understandable way."

2nd place team Šveps, Mr., Hackathon 2019, »My Safety and mobility«



Service / activity: **HACKATHON**



DATA HUB MONTENEGRO

Description:

Event: Hackathon – “Let Available Be Useful”, 03rd – 5th October 2019, Budva, Montenegro

- The participation of young people in this event showed tremendous energy, creativity and potential for the development of applications, especially given the limited number of data sets available at the time
- Apart from the social value of the applications almost all of them also had economic potential.

Results in numbers:

- 28 participants
- 6 competition teams each with a developed idea
- 3 developed products / services and another 3 in the development phase



Feedback:

“It is an amazing experience. We hung out, we studied. The team is great. The topics are good and interesting. The organizers are great too, available and friendly.”

Nemanja Krsmanovic, DATA DESIGN team

“We’ve got six fantastic teams which have come up with six interesting solutions, especially when it comes to the use of open data. In our review process we paid attention to the way the solutions were presented, the potential and relevance of these hackathon solutions and we really received excellent applications.”

Milena Djukanovic, PhD from the University of Montenegro, President of the Jury

“The idea of using open data in the hackathon was very appealing for us and, along with socialising and great organization of the event, it was one of the reasons why we applied to this hackathon.”

Aleksa Sukovic, NAEMI team





OPEN DATA HUB

Description:

38 individuals distributed into 15 teams applied to the Open Data Hackathon, organized by HAMAG-BICRO in the fields of: 'smart tourism', 'health and quality of life' and 'energy and environment'. They were developing solutions using high technologies and OD and have used the help of 20 mentors.

Results in numbers:

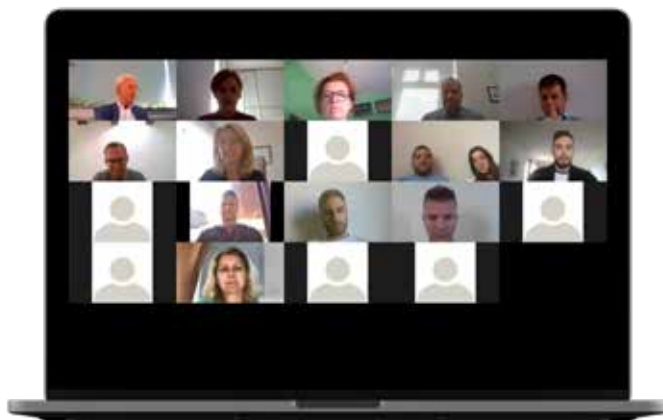
- 38 individuals applied
- 6 winners
- More than 100 participants (ONLINE)



Feedback:

"The great number of applications to the Open Data Hackathon of the ODEON project and the quality of the submitted projects indicate the fact that the potential of open data and countless possibilities of open data usage have been recognized in Croatia. We are glad that we took the projects of entrepreneurs out of the drawers and enabled them to finish them, we hope that at a later stage they will find an investor and turn them into a business activity. HAMAG-BICRO has been at the service of entrepreneurs for 25 years, from the initial idea to the upgrade phase and more serious business. In this way we want to help those who want to become entrepreneurs because we have noticed a high degree of motivation to get involved in the world of entrepreneurship."

Mr. Ante-Janko Bobetko, member of the Management Board, HAMAG-BICRO



Service / activity: **HACKATHON**



GREEK OPEN DATA HUB

Description:

The Hackathon that was organized in the context of the Greek Open Data Hub, took place on the 1st of February 2020 in the facilities of GFOSS, at Serafeio Building, in Athens. Experts that participated as mentors, supported startups to develop new business ideas through intensive coaching and training as well as to be prepared for their participation in the pitching event.

Feedback:

"My business idea is clearer after the support of the mentors",
Simon Panaretou

"The business model canvas that we used in the Hackathon was a helpful tool for me and will be the base for the development of a business plan later",
Vasilis Petropoulos, Eco Green Recycle



Results in numbers:

- 1 six-hour Hackathon
- 26 participants
- 6 startups
- 6 business ideas
- 3 mentors





DATA HUB MONTENEGRO

Description:

One on one visits to the institutions and SMEs which possess valuable data for publishing on the national Open Data Portal.

Period: 15th-26th June 2020

The meetings organized with heads of institutions and directors of SMEs, as well as their IT professionals.

Aim: to better explain and understand what exactly OD is and why it is important to publish it.



Results in numbers:

Visits to:

- 9 national public authorities
- 16 SMEs
- 2 business support organizations



Feedback:

"We are ready to open our data because its application and use will improve the work of our institution as well!"

Milanka Mira Žugić, Head of the Pharmaceutical Chamber

"The opening of our data is a step forward in the modernisation of our company."

Nikola Ivanović, Deputy Director of Airports of Montenegro

"I would like to express my satisfaction with the fact that the Chamber of Economy of Montenegro promotes open data because open data for sure presents the future of a regulated waste water management system at the level of the capital city and wider."

Vojin Katnić, Deputy Executive Manager, Čistoća doo (utility company)

Service / activity: **THEMATIC WORKSHOP**



ODEON SPAIN DATA HUB

Description:

The Spanish hub organized a full day on the application of new technologies and the use of data for the agri-food sector, this event was attended by more than 100 attendees from the sector.

From that event, work has been done on the different applications presented as future use cases, and on different subsequent events. It was a very interesting event due to the large amount of feedback that we got from the sector and especially because the participation of companies and stakeholders involved has grown exponentially, as well as the use of the OD portal.

Results in numbers:

121 attendees, with the presence of more than 60 companies in the sector representation of the regional government, academic institutions, research centers as well as the general public.



Feedback:

The importance of this event was not the direct feedback obtained immediately with the event, but the involvement of the sector in the hub, all the issues related to open data and the application of data and new technologies to its sectors. From this workshop the implication, the questions and doubts formulated, the use of the open data portal, the participation in the courses carried out within the project Creation in number, in interest of the theme and in the feedback obtained for the Development of the project and especially in the application of data.





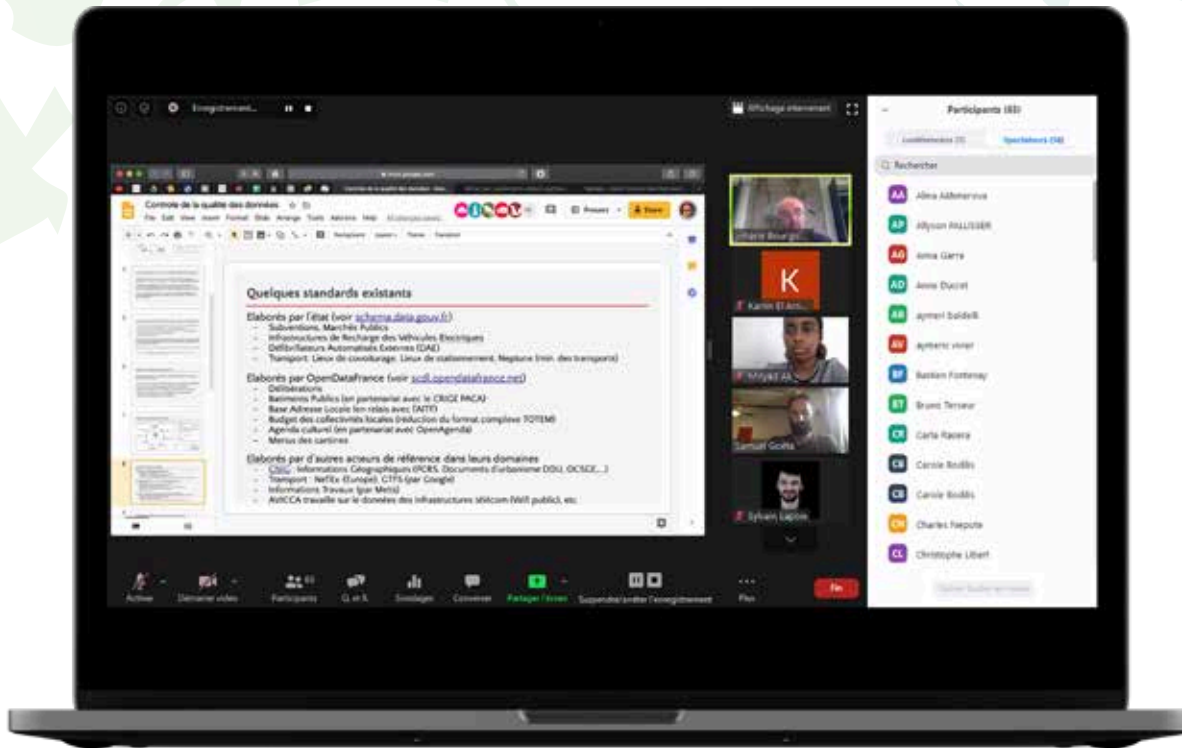
ODEON FRANCE DATA HUB

Description:

Acculturation to data, training in its uses and in collection, exploitation, visualization methodologies, meetings between producers & users

Results in numbers:

- 16 awareness workshops, training, meetings
- 428 beneficiaries from 4-helix stakeholders



Feedback:

"I believe these workshops were really interesting, as numerous different audiences are taken into account, creating cross-disciplinary discussions, which are very fruitful and enable skill-building."

Vincent Kober, open data consultant

Service / activity: **TRAINING MATERIALS**



ODEON FRANCE DATA HUB

Description:

Introductions and methodologies on data literacy, data pipeline, data visualization, collaborative formats for data sourcing, etc.

Results:

Several open source training materials and useful tools available

Feedback:

"The ODEON workshops allowed us to gradually increase our skills in data methodology, first on creativity in targeting the data we are looking for, then on the refinement work to be done on the selected data sets. What is interesting is that it allows us to explore new options that we would not necessarily have thought of a priori."

François Rosenberg, project holder



GUIDELINES

Before a study visit:

- Start at least 3 months before the visit
- Identify of the OD challenge you want to address
- Think about the itinerary - include interesting companies, research organizations, sights in the cities, do not forget about the social part
- Identify interesting hosts
- Send a 'save the date' letter to potential participants as soon as possible
- Hire an agency to support the technical implementation of the study visit

On the day of the study visit

- Check the plan and call everyone you will visit
- Don't forget to present your work / project and the activities of the members attending the study visit to the hosts

After the visit

- Write a thank you note to the study visit hosts
- Ask hosts for their presentations given to the attendees of the study visit
- Make an evaluation and draw conclusions

Service / activity: **STUDY VISIT**



OPSI HUB

Description:

First Study tour was organized on the 18th of December 2019 as a 1-day **“Study Visit to the Croatian Open Data Ecosystem in Zagreb”**, Croatia.

Second Study tour was organized as a 2-day study tour **“OPEN study tour to Slovenia”** with focus on Slovenias best practices in the field of OD / LOD, related to data management, HPC and AI.

Results in numbers:

- 43 participants



Service / activity: **ODEON DEMO DAY (Pitching Event with investors)**

GREEK OPEN DATA HUB

Description:

The pitching event of the projects of the Greek Open Data Hub was held online on 10th of April 2020. The six teams that participate actively in the hub's activities presented their project ideas to investors and OD stakeholders and had the opportunity to gain feedback and recommendations for their ideas.

Results in numbers:

- 1 pitching event
- 23 participants
- 6 project ideas
- 3 investors

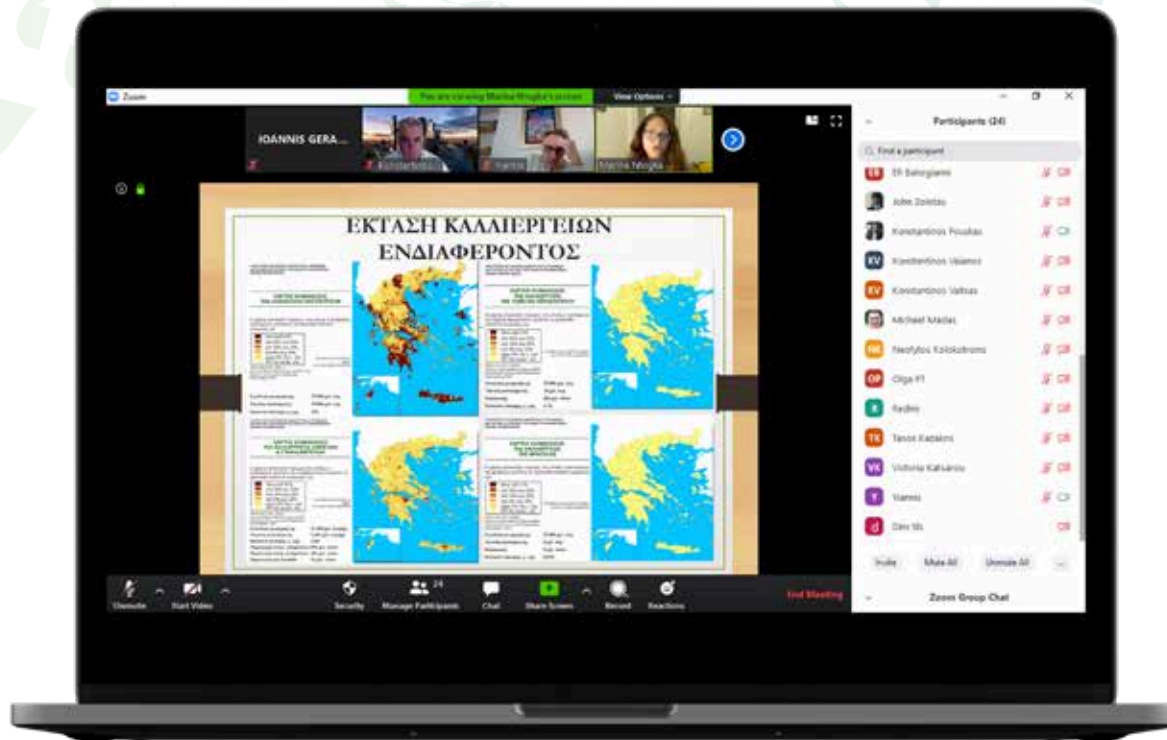
Feedback:

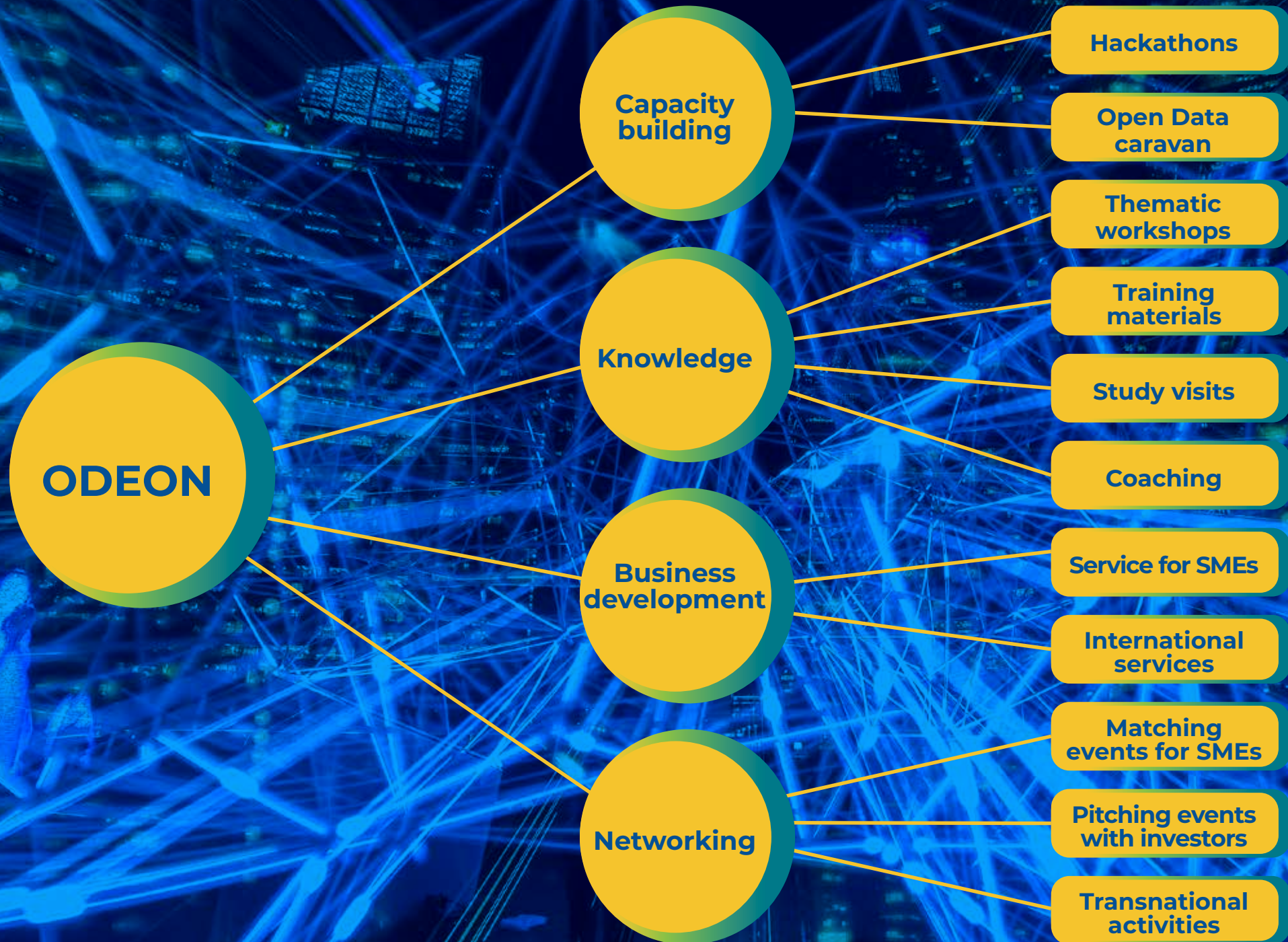
"The feedback we received after our presentation helped us to develop further our action plan and seek for strategic partners related to agrifood sector technologies that will help us develop of our project"

Marina Dogka, Agribro

"It was the first time that I presented my idea to an audience and it was an excellent experience",

Alexander Yangerin, Devs





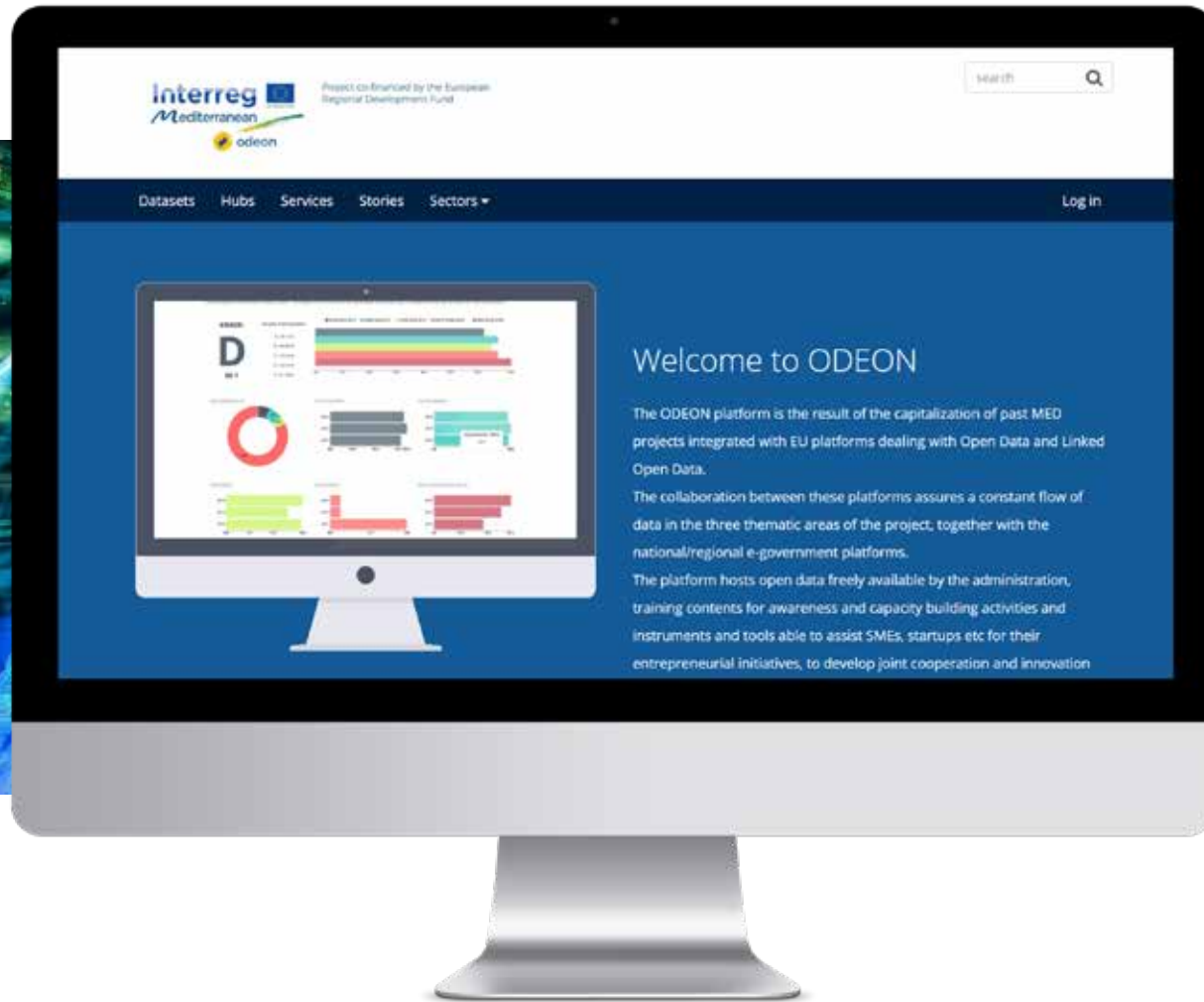
Strengthening Data Economy in MED Region Through Open Data



<https://opendatahubs.eu/stories>

ODEON HUB PLATFORM

<https://opendatahubs.eu/>



FOLLOW US:



<https://odeon.interreg-med.eu/>



Project co-financed by the European Regional Development Fund